

Rabbit COX5B Polyclonal Antibody | anti-COX5B antibody

COX5B Antibody

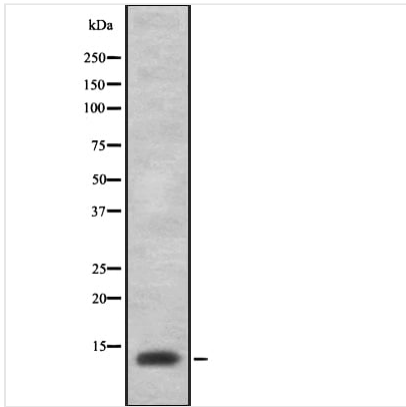
CATALOG # AAA327725	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

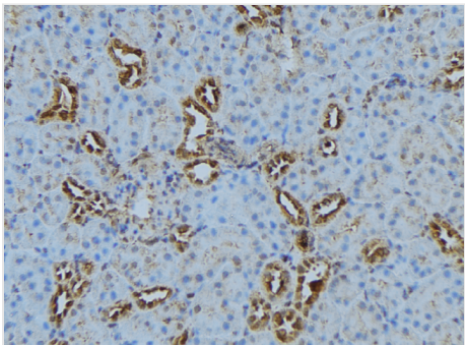
COX5B; Polyclonal Antibody; COX5B Antibody; COX 5B; COX5B_HUMAN; COXVB; Cytochrome c oxidase polypeptide Vb; Cytochrome c oxidase polypeptide VB mitochondrial; Cytochrome c oxidase subunit 5B; Cytochrome c oxidase subunit 5B mitochondrial; Cytochrome c oxidase subunit Vb; mitochondrial; anti-COX5B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	COX5B antibody detects endogenous levels of total COX5B
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	129
Applicable Applications for anti-COX5B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human COX5B
Subcellular Location	Mitochondrion Inner Membrane.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (92%), Sheep (100%), Rabbit (100%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of COX5B using LOVO whole cell lysates



IHC (Immunohistochemistry)
AAA327725 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-COX5B antibody	Function: This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport. Similarity: Belongs to the cytochrome c oxidase subunit 5B family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17017988
NCBI GeneID	1329
NCBI Accession #	NP_001853.2
NCBI GenBank Nucleotide #	NM_001862.2
UniProt Accession #	P10606; Q53YB7; Q96J18; Q99610
Molecular Weight	Observed: 13 kDa Predicted: 14 kDa
NCBI Official Full Name	cytochrome c oxidase subunit 5B, mitochondrial
NCBI Official Synonym Full Names	cytochrome c oxidase subunit 5B
NCBI Official Symbol	COX5B
NCBI Official Synonym Symbols	COXVB
NCBI Protein Information	cytochrome c oxidase subunit 5B, mitochondrial
UniProt Protein Name	Cytochrome c oxidase subunit 5B, mitochondrial
UniProt Gene Name	COX5B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.